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NEW METHOD TO INCREASE PETROLEUM EXTRACTION;  
POWER, FUEL PRODUCTION FACILITIES EXPAND

NEW METHOD TO PERMIT 50-PERCENT EXTRACTION -- Zagreb, Borba, 22 Jul 51

Donja Lendava, 21 July -- Preparations have been completed in the Donja Lendava petroleum fields to begin, in August, the extraction of petroleum by a so-called secondary method, by which methane is forced through a sounding, drilled into the "gas cap" (the gas-filled stratum beneath which petroleum is found at 200 to 350 atmospheres). Gas pressure on the petroleum is thus increased, permitting more rapid and less expensive extraction.

A modern compressor station is being built for this purpose; the first compressor will begin working soon. The station will have 28 compressors by 1952, some obtained as reparations from Germany, but the majority purchased from Italy.

Experimental use of the new method will begin on sounding No 17.

At present, petroleum is ordinarily extracted without added pressure. Only up to 30 percent of the petroleum in a deposit can be extracted by this method, while up to 50 percent can be extracted by the new method.

Adoption of the secondary method will not only increase production capacity, but also lower production costs. The compressor station will also prepare gas for industrial and household use. The possibility of supplying gas to the new aluminum factory in Strnisce from this source is also being considered.

INSTALL GENERATOR AT VINODOL HYDROELECTRIC POWER PLANT -- Zagreb, Borba 6 Aug 51

Installation of the first of three 35,000-kilovolt-ampere generators is being completed at the Vinodol Hydroelectric Power Plant. Thus far, all of the hydraulic equipment has been installed. The main machinery room has received a 10,000-kilovolt-ampere regulating transformer, and a 35,000-kilovolt-ampere high-voltage transformer.

- 1 -

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The Vinodol plant will supply electric power to the Zagreb network, will be connected with the hydroelectric power plants in Slovenia, thus supplying electric power to the Istrian peninsula, and will also be connected with the hydroelectric power plant on the Soca River.

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TO OPEN COAL PITS IN CROATIAN ZAGORJE -- Zagreb, Vjesnik, 29 Jun 51

In the coal mines in the Croatian Zagorje and Medjimurje, preparations are being made for the opening of many new pits, which are scheduled to be working at full capacity by the beginning of 1952. The Martinac mine is being opened near Zlatar and Bistrica, the Brodarevec mine near the Ivandec mines. Work has begun on the opening of two new operations in Mursko Središće; these will be named after the former "1 May" and "Ignac" mines, which have been exhausted.

In Martinac, 2 kilometers of narrow-gauge railroad track are under construction leading to the railroad station. In Brodarevec, concrete pillars for cableways 6 kilometers long are under construction; these cableways will be used to convey coal to loading ramps.

CONSOLIDATE COAL MINES IN TIMOK COAL BASIN -- Zagreb, Borba, 1 Jul 51

On 1 July, the Directorate of Knjazevac Mines and the Directorate of Zajecar Mines are to be in charge of the mines in the Timok coal basin. The Dobra Sreca, Podvis, and Soko coal mines will be consolidated under one directorate, while the Lubnica and Vrska Cuka mines and the Grljane central mine workshop will be consolidated in the other. Election of new workers' councils in the directorates is to be completed by the end of June.

Representatives of the Zajecar mines decided that such consolidation would effect considerable savings in equipment, materials, and the number of clerical help employed.

BEGIN WORK ON SEPARATOR FOR KAKANJ COAL MINE -- Ljubljana, Slovenski Porocevalec, 1 Jul 51

Work has begun at the Kakanj coal mine on the construction of the most modern separator in Yugoslavia. The new separator will be able to process 800,000 tons of coal annually. It is to be completed by the end of 1952.

MARIBOR GASWORKS FULFILLS FIVE-YEAR PLAN -- Ljubljana, Slovenski Porocevalec, 21 Jun 51

The Municipal Gasworks in Maribor has fulfilled its Five-Year Plan. Since 1947, the gasworks has increased the production of gas 50 percent, coke 45 percent, and tar 100 percent.

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- 2 -

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